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APPLICATION NO		FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/724,498 12/01/2003		12/01/2003	Donald C. Abbott	28098.1	9998	
23494	7590	05/05/2006		EXAM	EXAMINER	
TEXAS II	NSTRUM	ENTS INCORPOR	NGUYEN, DILINH P			
P O BOX 655474, M/S 3999 DALLAS, TX 75265				ART UNIT	PAPER NUMBER	
				2814		
			DATE MAIL FD: 05/05/2006			

Please find below and/or attached an Office communication concerning this application or proceeding.

Advisory Action

Application No.	Applicant(s)	-0 0
10/724,498	ABBOTT, DONALD	
Examiner	Art Unit	
DiLinh Nguyen	2814	

Defect the Filing of an Annual Priof								
Before the Filing of an Appeal Brief	Examiner	Art Unit						
	DiLinh Nguyen	2814						
The MAILING DATE of this communication appe	ars on the cover sheet with the c	orrespondence add	ress					
THE REPLY FILED <u>03 April 2006</u> FAILS TO PLACE THIS APF	PLICATION IN CONDITION FOR A	LLOWANCE.						
☐ The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:								
The period for reply expiresmonths from the mailing date of the final rejection. The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection. Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).								
Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b). NOTICE OF APPEAL								
 The Notice of Appeal was filed on A brief in com of filing the Notice of Appeal (37 CFR 41.37(a)), or any e Since a Notice of Appeal has been filed, any reply must 	extension thereof (37 CFR 41.37(e)), to avoid dismissal :	of the appeal.					
<u>AMENDMENTS</u>								
The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will <u>not</u> be entered because (a) They raise new issues that would require further consideration and/or search (see NOTE below); (b) They raise the issue of new matter (see NOTE below);								
(c) They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or								
(d) They present additional claims without canceling a NOTE: (See 37 CFR 1.116 and 41.33(a))		ejected claims.						
4. The amendments are not in compliance with 37 CFR 1.5. Applicant's reply has overcome the following rejection(s	121. See attached Notice of Non-C	ompliant Amendmen	t (PTOL-324).					
6. ☐ Newly proposed or amended claim(s) would be a the non-allowable claim(s).		e, timely filed amendn	nent canceling					
 For purposes of appeal, the proposed amendment(s): a) how the new or amended claims would be rejected is pro 	will not be entered, or b) 🔼 vovided below or appended.	vill be entered and an	explanation of					
The status of the claim(s) is (or will be) as follows: Claim(s) allowed: <u>17-21</u> .	·		•					
Claim(s) objected to:								
Claim(s) rejected: <u>22</u> .			•					
Claim(s) withdrawn from consideration:								
 AFFIDAVIT OR OTHER EVIDENCE The affidavit or other evidence filed after a final action, because applicant failed to provide a showing of good are and was not earlier presented. See 37 CFR 1.116(e). 	out before or on the date of filing a land sufficient reasons why the affida	Notice of Appeal will wit or other evidence	not be entered is necessary					
 The affidavit or other evidence filed after the date of filing entered because the affidavit or other evidence failed to showing a good and sufficient reasons why it is necessa 	overcome <u>all</u> rejections under apperty and was not earlier presented.	eal and/or appellant fa See 37 CFR 41.33(d)	ails to provide a (1).					
10. The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached. REQUEST FOR RECONSIDERATION/OTHER								
The request for reconsideration has been considered b See Continuation Sheet.	ut does NOT place the application	in condition for allow	ance because:					
12. ☐ Note the attached Information Disclosure Statement(s) 13. ☐ Other:	. (PTO/SB/08 or PTO-1449) Paper	No(s)						
·								

Continuation of 11. does NOT place the application in condition for allowance because: Applicant argues that Grunwald et al. has nothing whatsoever to do with leadframes.

The argument has been fully consideration but it is not persuasive because Examiner relies on the combined teachings at Huang et al. and Grunwald et al. Huang et al. relied on for showing a lead frame made of copper. Grunwald et al. is relied on for showing a method for fabricating a copper sheet comprising the steps of: activating the surface of the copper sheet by immersing the copper sheet into an acid solution (column 3, lines 43-45 and 48-50); plating a surface layer of copper onto the copper sheet, whereby the layer is inherently deposited in controlled uniformity and consistency (column 4, lines 30-33 and 40-44); and immersing the activated copper sheet into a chromating solution including chromic acid and an activator (column 3, lines 51-56) would converting copper surface atoms into chromate complexes and creating a surface layer comprising chromic and copper reaction products. The Examiner thus regards the Applicant's assertions as constituting evidence that the Applicant has failed to consider as a whole the prior art teachings disclosed by the combining of the references.

Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to provide a method for fabricating a semiconductor device comprising the steps as set forth above of the copper sheet because as taught by Grunwald et al., into the copper lead frame of Huang et al., in order to improve the adhesion for the semiconductor package and reduce complexity of implementation.

It should be noted that the rejection of claim 22 is not based on anticipation, but rather, are based on obviousness.

In response to applicant's argument that there is no teaching or suggestion to combine the references, the test for obviousness is not whether the features of a secondary reference may be bodily incorporated into the structure of the primary reference; nor is it that the claimed invention must be expressly suggested in any one or all of the references. Rather, the test is what the combined teachings of the references would have suggested to those of ordinary skill in the art. See In re Keller, 642 F.2d 413, 208 USPQ 871 (CCPA 1981).

HOAI PHAM PRIMARY EXAMINER